

BLAGOVESHCHENSKIY, E.N.; TURDYEV, G.T.

Materials on soil moisture conditions in central Tajikistan.  
Dokl. AN Tadzh. SSR 4 no.4:43-48 '61. (MIRA 15:1)

1. Institut pochvovedeniya AN Tadzhikskoy SSR. Predstavлено  
akademikom AN Tadzhikskoy SSR P.N. Ovchinnikovym.  
(Tajikistan—Soil moisture)

TURDYYEV, L.U., assistant

Concentration and dispersion of ganglionic matter in the pectoral part of the truncus sympathicus in human embryos and fetuses.  
Med. zhur. Uzb. no.7:37-39 Jl '61. (MI:U 15:1)

1. Iz kafedry normal'noy anatomi cheloveka (zav. - prcf. M.N. Khalkuziyev) Samarkandskogo meditsinskogo instituta imeni I.P. Pavlova.

(FETUS—INNERVATION) (NERVOUS SYSTEM, SYMPATHETIC)

TIRLEA, I., prof.; TUREANU, L., assist. prof.; HERZOVI, F.; ELIAS, M.

Investigations concerning the phenomenon of renal osmotic regulation  
in immature infants. Rumanian M Rev. no.2:47-50 Ap-Je '60.  
(KIDNEY physiology) (INFANT PREMATURE physiology)  
(WATER-ELECTROLYTE BALANCE physiology)

GORYAYEV, M.I.; PUGACHEV, M.G.; TRET'YAKOV, L.I.; POPOV, A.P.; KORNILOVA, G.P.; IERAYEV, G.Zh.; TUREBEKOV, Sh.S.; SAKYAN, N.E.

Preparation of fodder yeasts from molasses waste of the Dzhambul Alcohol and Vodka Combine. Izv. AN Kazakh. SSR. Ser. khim. nauk 15 no.2:77-82 Ap-Je '65. (MIRA 18:9)

GORYAYEV, M.I.; PUGACHEV, M.G.; TUREBEKOV, Sh.S.; TRET'YAKOV, L.I.;  
TURSUMETOVA, F.U.

Effect of growth-promoting substances from petroleum on the  
growth of fodder yeasts. Izv. AN Kazakh. SSR. Ser. khim. nauk  
15 no.1:89-93 Ja-Mr '65. (MIRA 18:12)

1. Submitted May 9, 1964.

TURECEK, F.

Problem of grain washing. (to be continued). p. 121.

TECHNIKA VUYUPU, MLYNARSTVI A PEKARSTVI. (Ministerstvo potravinarskeho  
prumyslu a využití zemedlských výrobku a Sdružení mlýnu a pekaren)  
Praha, Czechoslovakia, Vol. 5, no. 3, Mar. 1959.

Monthly List of East European Accessions (EIAI), LC Vol. 9, no. 2,  
Feb. 1960.

Uncl.

TURECEK, F.

Problem of grain washing. (Conclusion) p. 171

TECHNIKA VYKUPU, MLYNARSTVI A PEKARSTVI. (Ministerstvo potravinareckeho prumyslu a vykupu zemedelskych výrobku a sduzeni mlynu a pekaren)  
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Monthly List of East European Accessions (EEAI), Vol. 9, no. 1, Jan, 1960

Uncl.

TURECEK, Jan

Timed plug switch for electric appliances. Energetica Cz  
13 no.8:447-448 Ag '63.

1. Vyzkumny ustav energeticky, Bratislava.

TURECEK, Jan (Bratislava); GRIGEL, Jan, inz. (Bratislava)

Electric device for water level measurement. Energetika Cz 13  
no. 4:228, Ap '63.

TURECEK, J.

Organization of distribution of electric power in the Energotrust Bratislava area.  
p. 174

TECHNICKA PRACA. Czechoslovakia, Vol. 7, No. 4, 1955

Monthly List of East European Accessions (EEAI), LC. Vol. 8, No. 9, September 1959  
Uncl.

TURCEK, J. ZAJCUK, C.

Dyeing glove leather on a conveyer belt. p.6. (Kozarstvi, Vol. 7, no. 1 Jan 1957) Praha

SO: Monthly List of East European Accession (EEAL) LC, Vol. 6 no. 7, July 1957. Uncl.

TURECEK, J.

"New methods of gauging electrometers."

p. 239 (Energetika, Vol. 8, No. 6, June 1958, Praha, Czechoslovakia)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 9, September 1958.

TUREČEK, Josef

Scudding of glove skins in a drum. Josef Tureček and Václav Opluštík (Rulavickářské Závody, Náli. Corp., Trutnov-Poříčí, Czech.). *Kožařství* 5, 210-11(1955).— Kidskin pelts are drummed with 50% H<sub>2</sub>O at 20-28° and 0.5% Synthapon L (I) (sulfonated lauryl alc.) for 1 hr. Sometimes a "blind" grain results. This was accentuated in exptl. degreasing with 2% I before bating. Expts. proved that I activates the enzymes of the bate. Thirty g. of bated, unwashed pelt were soaked in H<sub>2</sub>O at 37° for 4 hrs.; N was detd. in the filtered liquors. From 100 g. pelt soaked with 0, 0.1, 1, 1.5 and 2% of I, 450, 500, 550, 900, and 1400 mg. of hide substance were solubilized, resp. Blind grain was practically eliminated by a thorough wash after bating. L. Masner

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TURECKOVA L.

Nove trestni zakony. New penal laws Cas. cesk. lek. 63:13  
15 July 50 p. 149.

NAI

CLML 19, 5, Nov. 50

TURCKY, A.

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the method of distributed moments. p. 175. ESRHICKA PRAG.  
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SOURCE: East European Accessions List, Vol. 5, no. 9, September 1956

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Calculation of structures wth bent or curved bars by the use of the method of successive distribution of the angular deformation of joints.

p. 45 (Slovenska akademie vied. Ustav strzebnictva arachitektury. Prace. 1954  
(Published 1956) Bratislava. Czechoslovakia.)

Monthly Index of East European Accessions (EEAI) LC. Vol. no. 2,  
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TURECKY, A.

Solution of linear equations by the system of conjugate matrix.

p. 113  
Vol. 3, no. 2, 1955  
STAVEBNICKY CASOPIS  
Bratislava

SO: Monthly List of East European Accessions (EEAL), LC, Vol. 5, no. 3  
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TURECKY, ANTON.

Riešenie ramovych konštrukcií, postupnym rozvádzaním deformácií. (Vyd. 1.)  
Bratislava, Práca, 1950. Vol. 1. (Technická knižnica Práce, 1)  
Solution of problems in the construction of building frameworks by the gradual  
resolution of deformations. Tables

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"Design of Structures with Crooked and Curvilinear Rods Using the Method of Division of Moments", P. 215, (TECHNICKA "MAGA", Vol. 1, No. 4, Apr. 1954, Bratislava, Czechoslovakia)

SO: Monthly List of East European Acces-sions, (ETAL), LC, Vol. 4, No. 1, Jan. 1955, Uncl.

TURECKY, A. V. BALAZOVJECH

Stavebna mechanika (Construction and Building Mechanics) p. 382

TECHNICKA PRACA. Czechoslovakia Vol. 7, No. 8, Aug. 1955

Monthly List of East European Accessions (EEAI) LC. VOL. 8, No. 9, September 1959  
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TURECKY, Frantisek, MUDr.

Idiopathic renal glycosuria. Cesk. pediat. 11 no.10,769-771  
Oct 56.

1. Detske oddeleni OUMZ v Nachode, predn. primar MUDr,  
Vratislav Svorcik.

(GLYCOSURIA, in infant and child  
renal, idiopathic, in siblings (Cz))

TUREK, A.; LUKASEK, J.

"Automatic welding of boiler stays under flux."

p. 28 (Czechoslovak Heavy Industry, no. 5, 1958, Praha, Czechoslovakia)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, no. 9,  
September 1958

TUREK, A.

Hard-facing welding of rims of railroad cars and locomotives under welding flux. p.441

KOZLEKEDESTUDOMANYI SZEMLE. (Kozlekedestudomanyi Egyesulet)  
Budapest, Hungary  
Vol. 9, no.10, Oct. 1959

Monthly List of East European Accessions (EEAI) I.C., Vol. 8, no.12, Dec. 1959  
Uncl.

TUREK, A. ; LUKASEK, J.

Automatic welding of boiler staybolts under flux. p. 48.

ZELEZNICKI DOPRAVA A TECHNIKA. (Ministerstvo dopravy) Praha, Czechoslovakia.  
Vol. 7, no. 2, 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 11,  
November 1959.

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TUREK, A. : PROKUPEK, K.

Welding with a horizontal coated electrode.

P. 145 (Železnicni Technika) Vol. 5, No. 6, June 1957, Czechoslovakia

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC. - VOL. 7, NO. 1, JAN. 1958

TURK B.

Derm. Klin. PU, Olomouci. \*Nebezpeci mistni lecby sulfonamidy v dermatologii.  
Danger of local sulphonamide treatment in dermatology BRATISLAVSKE LEKARS. LISTY  
1953, 33/9 (817-824)

Complications of local and systemic treatment with sulphonamides are mentioned.  
Sensitization due to local application may be avoided by using sulphadiazine and by  
shortening the time of application to 4-7 days. In most cases local treatment with  
sulphonamides could be suspended. Schwank - Prague

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Vol. 9 No. 1

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Introducing automatic welding under solder. p. 313, ZELEZNICE  
(Ministerstvo dopravy) Praha, Vol. 4, No. 12, Dec. 1954

SOURCE: East European Accessions List (EEAL) Library of Congress,  
Vol. 4, No. 12, December 1955

TUREK, A.; HANZL, J., inz.

Supersonic control of rail vehicle axles. Pt.2. Zel dop  
tech 13 no.2:Suppl:1-16 '65.

NERŁO, Henryk; KOZIEJOWSKA, Krystyna; TUŁĘK, Antonina

Study on eutectic mixtures in pharmacy. Ann. univ. Lublin sec. D  
15:455-463 '60.

1. Z Katedry i Zakładu Farmacji Stosowanej Wydziału Farmaceutycznego  
Akademii Medycznej w Lublinie Kierownik: doc. dr farm. Henryk Nerło,  
(DRUG COMPOUNDING)

ENGELHARDT, P.; TUREK, A.

Resistance flash welding. Zel dop tech 11 no.11:322-331 '63.

TUREK, Adolf; HANZL, Jiri, inz.

Use of ultrasonic defectoscopes in the repair shops of  
Czechoslovak Railways. Zel dop tech 9 no.10:302-307 '61.

TUREK, A.; HANZL, J., inz.

Supersonic control of rail vehicle axles. Zel dop tech 12  
no.11:Suppl.:1-16 '64.

TUREK B.

Dermatological methods of investigation. B. Turek  
(Palacky Univ., Olomouc, Czech.). *Lékařské Listy* 7,  
188-91 (1952).—Methods revealing the phys., chem., and  
biol. properties of the skin's surface are presented including:  
skin pH and acid-base neutralizing capacity. I. J. U.

TUREK, B.

Some comments on Bulgarian dermatology. Cesk.derm. 38 no.6:411-418 D '63.

1. Dermatologicka klinika lek. fak. Olomouc, prednosta prof. dr. G. Lejhanec.

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TUREK, J.; VECEREK, B.

On the history of medical chemistry at the Karlova University in  
Prague. Sborn.lek. 62 no3:80-86 1960.

I. I. ustan pro chemii lekarskou fakulty vseobecneho lekarstvi  
University Karlovy v Praze, prednosta prof.dr. inz. Karel Kacl.  
(CHEMISTRY hist.)  
(BIOCHEMISTRY hist.)

USSR / Cultivated Plants. Forage Crops.

M-5

Abs Jour: Ref Zhur-Biol., 1958, No 16, 73009.

Author : Turemuratov, U. F.

Inst : AS UzbekSSR.

Title : Seed Productivity of Lucerne Depending on Its Growth  
in the Northern Rayons of Kara-Kalpakiya.

Orig Pub: UzSSR Fanlar Akad. dokladlari. Dokl. UzSSR, 1957,  
No 7, 51-53.

Abstract: In experiments in 1955 and 1956 at the Kara-Kalpakiya Experimental Station, the second mowing of lucerne was left to seed; in addition, two waterings were given to lucerne before the first mowing and two waterings in the phases of sprouting and flowering. Higher seed harvests (4.5-4.1 c/ha) were obtained in the third and fourth year of vegetation; in the second year, lucerne provided only 2.65 centners/ha. of seeds. -- A. A. Kornilov.

Card 1/1

TUREK, B.; ROTHSCHILD, L.

Contribution to the pathogenesis of skin manifestations in prophryia  
cutanea tarda. Cesk. derm. 38 no.1:19-23 F '63.

1. Dermatovernerologicka klinika lekarske fakulty PU v Olomouci,  
prednosta prof. dr. G. Lejhanek:  
(PROPHYRIA) (SKIN) (CAPILLARY RESISTANCE)  
(ULTRAVIOLET RAYS) (INFRARED RAYS)

TUREK, B.

Pellagra in North Korea; clinical study of two cases of secondary pellagra.  
Cas. lek. cesk. 97 no.35:1092-1095 29 Aug 58.

(PELLAGRA, epidemiol.  
in No. Koreaans (Cz))

TUREK, B.

Investigation of the skin in industrial dermatology. Lek. listy, Brno  
7 no.7:188-191 1 Apr 1952, (CLML 22:2)

1. Of the Dermatological Clinic (Head --Prof. G. Lejhanec, M. D.) of  
Palacky University in Olomouc.

TUREK, Bohuslav, MUDr.; MACHULA, Frantisek, MUDr.; MACEK, Milan, MUDr.

Leprosy; clinico-histological studies on two cases. Cesk. neur.  
19 no.1:42-58 Mar 56.

1. Vedouci dermatoveerologickeho oddeleni (Turek)
2. Vedouci neurologickeho oddeleni (Machula)
3. Vedouci prosektry (Macek)
4. Nemocnice Cs. Cerveneho krize v Condizinu (sev. Korea)  
(LEPROSY, case reports,  
(Cs))

TUREK, Bohuslav, MUDr.

Method of determination of pH on skin surface by color indicators.  
Cesk. derm. 31 no.1:28-36 Feb 56.

1. Z dermatologicke kliniky Palackeho university v Olomouci,  
prednosta prof. MUDr. Gustav Lejhane.

(HYDROGEN-ION CONCENTRATION,  
of skin surface, determ., colorimetric method. (Cz))

(SKIN, metabolism,  
pH of surface, determ., colorimetric method. (Cz))

(COLORIMETRY,  
of skin surface pH. (Cz))

TUREK, Bohuslav, MUDr

Functional tests in dermatology. Cesk. derm. 24 no.5:300-315 Oct 54.

1. Z dermatologicke kliniky Palackeho university v Olomouci -  
prednosta prof. Dr. Gustav Lejhanec.  
(SKIN, physiology  
funct. tests, importance in dermatol.)

TUREK, F. ; KOFRIVA, V.

"Resonance vibration of structures during rapid changes in critical revolutions; also, remarks by B. Spata." p. 652.

STROJIRENSTVI. (MINISTERSTVO TEZKEHO STROJIRENSTVI, MINISTERSTVO PRESNEHO STROJIRENSTVI A MINISTERSTVO AUTOMOBILOVEHO PRUMYSLU A ZEMEDELSKYCH STROJU.)  
Praha, Czechoslovakia, Vol. 5, no. 9, Sept. 1955.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 9, September 1959.  
Uncl.

TUREK, Frantisek, inz.

Determination of the zone of stability and aperiodicity of higher order linear dynamic systems. Stroj cas 14 no.3:242-260 '63.

1. Statni vyzkumny ustav tepelne techniky, Praha.

CHALOUPKA, V., inz.; RIPPL, J., inz., CSc.; TUREK, F., inz.

Reduction of sliding friction in sensitive hydraulic mechanism.  
Strojirenstvi 12 no.1:29-38, 10 Ja '62.

1. Statni vyzkumny ustav tepelné techniky, Praha.

TUREK, Fr.

2284\* Resonance Vibrations of Structures When Passing  
Through Critical Speeds. Resonanční kmitání konstrukcí při  
rychleém přejíždění kritických otáček. (Czech.) Vl. Kopřiva  
and Fr. Turek. Strojvěnost, v. 5, no. 9, Sept. 1955, p. 637-  
651, 1 fig., 1 table, 458-659.

Decrease of amplitudes of vibrations during rapid passage  
through critical zones, and determination of shape of resonance  
curves for rotational and piston machines. Diagrams, graphs,  
table, photograph. 4 ref.

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KUDRYAVTSEVA, A.S., inzh., red.; TUREK, G.A., inzh., red.; PETROVA, V.V., red.izd-va; NAUMOVA, G.D., tekhn.red.

[Construction specifications and regulations] Stroitel'nye normy i pravila. Moskva, Gosstroizdat. Pt.2. Sec.G. ch.5. [Interior sewerage lines for production and service buildings of industrial enterprises; standards of design] Vnuten-niaia kanalizatsiya proizvodstvennykh i vspomogatel'nykh zdaniy promyshlennykh predpriyatiy; normy proektirovaniya (SNiP II-G. 5-62). 1963. 14 p. (MIRA 16:9)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy komitet po delam stroitel'stva. 2. Gosudarstvennyy komitet Soveta Ministrov SSSR po delam stroitel'stva (for Kudryavtseva). 3. Gosudarstvennyy trest sanitarno-tehnicheskogo proektirovaniya (for Turek).

(Sewerage)

KUDRYAVTSEVA, A.S., inzh., red.; TUREK, G.A., inzh., red.;  
PETROVA, V.V., red.izd-va; BOROVNEV, N.K., tekhn.red.

[Constructions specifications and regulations] Stroitel'-  
nye normy i pravila. Moskva, Gosstroizdat. Pt.2. Sec.G.  
ch.2. [Interior water pipes of industrial and auxiliary  
buildings of industrial enterprises; design standards]  
Vnutrenniy vodoprovod proizvodstvennykh i vspomogatel'-  
nykh zdanii promyshlennykh predpriiatii; normy proektiro-  
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1. Russia (1923- U.S.S.R.) Gosudarstvennyy komitet po  
delam stroitel'stva. 2. Gosudarstvennyy komitet po delam  
stroitel'stva SSSR (for Kudryavtseva). 3. Gosudarstvennyy  
trest sanitarno-tehnicheskogo proyektirovaniya Glavnogo  
upravleniya proyektnykh rabot Ministerstva stroitel'stva  
SSSR pri Gosudarstvennom komitete po delam stroitel'stva  
SSSR (for Turek).  
(Water pipes)

MODR, Z.; REJZLAR, M.; TROJAN, J.; BLAHA, V.

A methacycline antibiotic of the tetracycline group.  
Cas. lek. cesk. 104 no.27/28:729-734 9 Jl '65.

1. Vyzkumny ustav experimentalni terapie v Praze (reditel  
prof. dr. O. Smahel, DrSc.), Vojensky ustav hygieny, epi-  
demiologie a mikrobiologie v Praze a I. interni oddeleni  
Thomayerovy nemocnice v Praze-Krci (vedouci MUDr. J.A.  
Trojan).

TUREK, J.; SKALA, I.; POLOMISOVA, L.; Technicka spoluprace: LAMACOVA, L.

Our experiences with a new cholinolytic, oxyphenhydrazonium bromide (VUFB 3118). Cas. lek. cesk. 103 no. 8:209-213  
21 F'64.

1. I. interni oddeleni Phomayerovy nemocnice, Praha-Krc;  
vedouci: MUDr. J.A.Trojan); Ustav pro vyzkum vyzivy lidu  
v Praze (reditel: prof.dr. J. Masek) a Ocni oddeleni  
Thomayerovy nemocnice, Praha-Krc (vedouci: MUDr.M.Exnerova).

HADVORNIKOVA, H.; TUREK, J.; SCHUCK, O.

Effect of polythiazide on renal excretion of electrolytes. Čes. lek. čas. 1964 no.7:182-185 19 F'65.

1. Vyzkumny ustav experimentalni terapie v Praze (reditel: prof. dr. O. Smahel, DrSc.) a I. interni oddeleni Thomayerovy nemocnice v Praze (vedouci: MUDr. J.A. Trojan).

TUREK, J., inz.

Conference of the experts on mechanization of building. Poz  
stavby 11 no.7:402 '63.

ONUFRIJEV, I.A. [Onufriyev, I.A.]; TUREK, J., ina. [translator]

Some problems of improving the construction of industrial buildings. Poz stavby 11 no.3:128-131 '63.

1. Vsesvazový vedecký a výzkumný ústav organizace, mechanizace a technické pomoci stavebnictví, Moskva (for Onufrijev)

TUREK, Jiri, inz.

National conference of building mechanization experts. Inz  
stavby:Suppl.:Mechanizace no.5:65-67 '63.

TUREK, Jiri, inz.

Universal tower pull-out crane with two-part jib and mobile trolley. Inz stavby 11 no. 12: Supplement: Mechanizace no. 12: 191-192 '63.

TUREK, Jiri, inz.

Nomenclature of building and road machinery. Poz stavby 12  
no. 2898-99 '64

TUPEK, Jiri, inz.

"French materials for the equipment of basic industries." Reviewed by  
Jiri Turek, Inz stavby 10 no.8:319 16 '62.

MODR, Zdenek; VYBORNA, Marie; TUREK, Jiri

Laboratory and clinical evaluation of phenascopen. Cas. lek. cesk. 101 no.32/33:985-991 17 Ag '62.

1. Interni katedra Ustavu pro doskoloovani lekaru v Praze, prednosta doc. dr. O. Smahel, DrSc. -- Infekcni oddeleni Thomayerovy nemocnice v Praze-Krci, vedouci MUDr. M. Vyborna. -- I. interni oddeleni Thomayerovy nemocnice v Praze-Krci, vedouci MUDr. J.A. Trojan.  
(PENICILLIN) (PENICILLIN PHENOXYMETHYL)

TUREK, Jiri, inz.

Excavator shovels with vibrational shock teeth. Inz stavby 12  
no.5 Suppl:Mechanizace no.5:77-78 '64.

TUREK, Jiri, inz.

Man and machine in the development of the building industry. inz  
stavby 11 no.6; Suppl. Mechanizace no.6: 95-96 '63.

Transportation of concrete mixture in bags. Ibid.: 96

TUREK, Jiri, inz.

The E-4011 universal excavator with a telescopic jib. Inz stavby  
12 no. 3:Supplement: Mechanizace no. 3:46-47 '64.

Use of jaw shovels on excavators. Ibid.:47

The Flygt pumps. Ibid.:47-48

SEMKOVSKIJ, V.V. [Semkovskiy, V.V.]; TUREK, Jiri, inz. [translator]

Some problems of the development of building trade mechanization.  
Inz stavby 11 no.2: Suppl: Mechanizace no.2:17-19 '63.

1. Statni výbor pro výstavbu pri Rade ministru SSSR, Moskva (for  
Semkovskij). 2. PSMAS, Praha (for Turek).

TUREK, J., inz.

Conference on the mechanization of foundation operations. inz  
stavby 13 no.1:Suppl;Mechanizace no.1:10-11 '65.

"Motor truck cranes, excavators, dragline buckers," Reviewed  
by J.Turek. Ibid.:11

TUREK, J., inz.

German road construction machinery at the International Brno Fair. Inz stavby 10 no.9:Suppl: Mechanizace no.9:111-112 '62.

TUREK, J., inz.

Conferance on complex mechanization and automation of the production of concrete mixture, concrete parts and constructions. Inz stavby 10 no.10: Suppl: Mechanizace no.10:124 '62.

S/196/62/000/016/011/011  
E194/E155

AUTHORS: Kratochvil, Jiri, and Turek, Jiri

TITLE: Equipment for automatic setting of the magnitude of physical quantities as a function of time by means of punched cards, particularly of electrical resistance for controlling the speed of electric motors

(Czech)

PERIODICAL: Referativnyy zhurnal, Elektrotehnika i energetika, no. 16, 1962, 6, abstract 16 K 27 P. (Czech Patent Cl. 21c, 46/54, no. 99149, March 15, 1961).

TEXT: A device is proposed which uses a programme provided by a combination of holes on a punched card which automatically establishes values of resistance, capacitance, inductance and the like magnitudes which set and maintain the running speed of a motor for a certain time, set by the same punched card. Then new values are set and the speed is held for a new interval of time and so on. Equipment for cards with 12 rows of holes (7 rows for establishing values of potentiometer resistance and 5 rows for establishing time intervals) consists of a calculating device with

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Equipment for automatic setting... S/196/62/000/016/011/011  
E194/E155

electromagnetic displacement of the punched tape, 12 intermediate relays, a 30-position selector switch, 7 potentiometer resistance switching relays, 6 automatic relays, and time relays giving impulses of constant duration. The connection diagram of these relays makes it possible to set 127 values of electrical magnitudes and 30 values of time interval.

[Abstractor's note: Complete translation.]

Card 2/2

TUREK, Jiri, inz.

Automatic equipment for melting and dehydrogenating bituminous materials  
by infrared rays. Inz stavby 9 no. 10: suppl.: 118 0 '61.

TUREK, Jiri, inz.

Education of technicians for building machine maintenance. Inz  
stavby 11 no.8:Suppl.: Mechanizace no.8:127-128 '63.

28979  
P/039/61/000/011/002/002  
D001/D101

1.8000

AUTHORS:

Emmerich, Roman, Master Engineer, and Turek, Kazimierz

TITLE:

Application of transverse ultrasonic waves for detecting of  
thin sheet lamination

PERIODICAL: Hutnik, no 11, 1961, 414-416

TEXT: The purpose of this research carried out at the Laboratorium Centralne (Central Laboratory) of the Metallurgical Plant im. Lenin was to find a simple method of detecting lamination in steel sheets before further processing of same. The problem was solved by application of ultrasonic vibration and the little known phenomenon of complete damping of transverse waves passing across a steel sheet of less than critical thickness. The detector used in the test consisted of a Polish-made defectoscope and a supersonic roll probe with two piezoelectric quartz transducers attached to its frame by means of plastic wedges which give proper feed and pick-up angles to the wave train. One transducer serves as a vibration transmitter and the other as a receiver. The vibrations are reflected as a steady pulse on an oscillosograph screen. Whenever the detector frame moves over a lamination

Card 1/2

Application of transverse ultrasonic waves ...

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D001/D101

nated section of sheet, the pulse on the screen vanishes and thus indicates the defect. The check of sheets to be rolled can be carried out while they proceed on a conveyor towards the rolling mill. The short-lived cathode ray tube can be replaced by a neon light or a voltmeter. There is 1 photo and 1 table.

ASSOCIATION: Huta im. Lenina, Kraków (Metallurgical Plant im. Lenin).

Card 2/2

P/039/60/000/007-8/004/004  
A177/A026

AUTHORS: Emmerich, R.; Golemba M. and Turek, K.

TITLE: Novelties From the Field of Metallurgy! Rolling. Ultrasonic Examination of Slabs by Means of Echo Sounder

PERIODICAL: Hutnik 1960, No. 7-8, pp. 308-309

TEXT: Ever increasing demand for better quality sheet steel used by various branches of machine industry, require more strict examination of semi-products from which sheets are made. Hitherto applied examination methods, being casual and of a destructive nature, are no longer adequate. A new, quick, accurate non-destructive method was found in ultrasonic examination. First ultrasonic testing of slabs by means of an impulse defectoscope and a special echo sounder was carried out at the central laboratory of the Huta Lenina (Metallurgical Plant) in Nowa Huta. The results were excellent; whenever the ultrasonic waves hit a fault, disfiguration of the oscillogram appeared. These investigations were supported by a destructive control examination, using the Baumann method and deep etching, preceded by testing with a magnetic defectoscope. As a result of their investigations the authors arrived at following conclusions: 1) Examination of cold slabs by means of ultra-

Card 1/2

P/039/60/000/007-8/004/004  
A177/A026

Novelties From the Field of Metallurgy. Rolling. Ultrasonic Examination of Slabs  
by Means of Echo Sounder

sonic defectoscopy, using a special echo sounder, allows to detect accurately any internal faults in slabs. 2) Because of the great accuracy of this method, even very small defects in slabs can be detected; the range of detection can be altered by selecting the proper intensification factor; 3) Slabs covered with scale can also be examined by means of this method; 4) Examination can be performed very quickly. After certain training, one slab can be thoroughly examined within five minutes. There are 5 photographs.

Card 2/2

RAPANT, V., prof. dr., DrSc.; TUREK, K.

Functioning island cell tumors of the pancreas. Cas. lek. czesk. 104 no.29:781-787 16 Jl '65.

1. I. Chirurgicka klinika lekarske fakulty Palackeho University v Olomouci (prednosta: prof. dr. V. Rapant, DrSc.).

F. K. A. A.

Country	: "POLAND"	H-28
Category	: Chemical Technology. Food Industry	
Abs. Jour	: Ref Zhur-Khimiya, No 14, 1959, No 51507	
Author	: Turek, K.	
Institute	: -	
Title	: Modern Production Scheme for Canned Green Peas	
Orig Pub.	: Przetw. owoc.-warz. i koncentr., 1958, 2, No 3, 91-93	
Abstract	: Described is the processing sequence adopted in the manufacture of canned green peas and beans in France and in GDR.	
Card:	1/1	

CZECH, Zbigniew; TUREK, Leszek

Device for the collection of electric information on the state of  
decatrонаs and printing it by the electric arithmometer. Nuklechnika  
7 no.9:590-592 '62.

1. Instytut Badan Jadrowych, Polska Akademia Nauk, Zaklad Fizyki  
Wysokich Energii, Krakow.

CZECH, Zbigniew; TUREK, Leszek

A portable transistor dekatron computer. Nukleonika 7  
no. 7/8:527-531 '62.

1. Instytut Badan Jadrowych, Zaklad VI, Krakow.

L 07004-67

ACC NR: AP7001007

SOURCE CODE: PO/0046/66/011/001/0073/0078

AUTHOR: Czech, Z; Turala, M.; Turek, L.

ORG: Department of High Energy Physics, Institute of Nuclear Research, Krakow  
(Zaklad fizyki wysockich energii, Instytut badan jadrowych)

TITLE: Registration of the state of decatron counting systems by means of tele-  
printer code

SOURCE: Nukleonika, v. 11, no. 1, 1966, 73-78

TOPIC TAGS: transistorized circuit, electronic equipment

ABSTRACT: A transistorized electronic system is described which can rapidly sense  
the state of a 10-decade scaler, codify the information, and provide output which can  
be used to operate a typewriter and/or punched paper tape type of data storage de-  
vice. The state of the counter is sensed by means of a gating arrangement in which  
the various digits of the scaler are made to set the state of bistable circuit  
elements. A diode matrix system is used to codify these data, after which they are  
transmitted to the teleprinter and paper tape puncher. The paper tape output is  
obtained in a form suitable for input to a computer which is used to process the  
data. Orig. art. has: 6 figures. [M]

SUB CODE: 09 / SUBM DATE: 25Nov65

Card 1/1 LC

0924 0005

CERNY, Ervin; HOLUB, M.; TUREK, L.

Ultrasonic therapy of Meniere's disease. Cesk. otolaryn. 11 no.4:  
185-192 Ag '62.

1. Otolaryngologicke oddeleni Ustredni vojenske nemocnice v Praze,  
prednosta doc. dr. E. Cerny.  
(ULTRASONIC THERAPY) (MENIERE'S DISEASE)

86665

9,6150

P/045/60/019/006/003/012  
B011/B059

AUTHORS: Messalski, J. and Turek, L.

TITLE: The Density Spectrum of the Electron-Photon Component  
of Extensive Air Showers of Cosmic Radiation

PERIODICAL: Acta Physica Polonica, 1960, Vol. 19, No. 6, pp 637 -645

TEXT: The authors studied the constancy of the exponent of the density spectrum of the electron-photon component with varying absorber thickness in the case of extensive air showers. The presence of photons in extensive air showers is indicated by the transition effect of the photon-electron component in a Pb absorber. The theoretically predicted excess of photons over electrons and the theoretical transition curves for electrons and photons lead to the conclusion that the transition curve for the electron-photon component should exhibit a large maximum. Experiments, however, yielded a small maximum indicating that the photon-to-electron ratio was smaller than unity. In measuring this ratio, the authors came across the above problem. 48 Geiger-Müller counters were used in sets of six trays,

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The Density Spectrum of the Electron-Photon Component of Extensive Air Showers of Cosmic Radiation P/045/60/019/006/003/012 B011/B059

three of which were uncovered with the counters being 5 cm apart from one another. The remaining three were covered with Pb (5 cm) on the sides and below, and had a Pb layer of varying thickness (0 to 27 mm) on top. The uncovered trays, which yielded the exponent of the density spectrum of the electron component, served for a comparison with the results obtained from the covered trays. The exponent of the density spectrum turned out to be independent of the absorber thickness in the range considered. Professor Doctor M. Mięsowicz and Docent Doctor A. Zawadzki are thanked for discussions, as well as their colleagues at the VI Laboratory of the Nuclear Research Institute, Cracow Department for their help. There are 5 figures and 10 references: 1 Soviet, 1 Danish, 3 Polish, 3 Italian, 3 Hungarian, and 1 US.

ASSOCIATION: Institute of Nuclear Research, VI. Laboratory, Cracow

SUBMITTED: February 15, 1960

Card 2/2

43386  
P/046/02/007/009/002/002  
D256/D308

51.640  
AUTHORS:

Czech, Zbigniew and Turck, Leszek

TITLE:

Dekatron read-out and print-out device

PERIODICAL:

Nukleonika, v. 7, no. 9, 1962, 590-592

TEXT:

The above device is intended for automatic recording and printing-out of the information registered in digital form by dekatron-tube scalers. An electromagnetic selector is employed in the circuit to connect successively the resistors of the dekatron tubes to a 10 channel relay circuit. Each channel of the relay circuit comprises a monostable relay operating the appropriate key of the printer. The voltages collected across the resistors of the cathodes corresponding to the same digits of the individual dekatrons (e.g. 2, 20, 200 etc) are fed to a common wire via separating diodes. A common print-out arrangement can be used for all the dekatrons. A simple manual adding machine was modified for use as a printer by fitting electromagnets to operate the keys. The print-out operation for 4 dekatron-tubes takes

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Dekatron read-out and print-out device

P/046/62/007/009/002/002  
D256/D308

approx. 1.5 sec. There are 2 figures.

ASSOCIATION: Instytut Badań Jądrowych PAN, Kraków, Zakład Fizyki  
Wysokich Energii (Institute of Nuclear Research,  
PAS, Cracow, Department of High-Energy Physics)

SUBMITTED: June, 1962

Card 2/2

15.226C  
AUTHOR:Turek, Miroslav, Engineer  
Ceramic coatings

TITLE:

PERIODICAL: Sklar a keramik, no. 12, 1961, 338-341

29484  
Z/013/61/000/012/001/001  
D006/D102

TEXT: The paper describes the preparation, application and testing of a laboratory-prepared ceramic coating designed to protect high-temperature alloys from corrosion in the atmosphere at elevated temperatures, and to extend the operating temperature range of certain less expensive alloys. The tested P I ceramic coating consisted of alkali-free glass frit, commercial-grade chromium hemitrioxide with 85%  $\text{Cr}_2\text{O}_3$  and colloidial kaolin. After 59 hours of grinding in a ball mill, the ceramic mixture was sprayed on sample sheets of CrNiTi austenitic steel and NiCr and CoCrMo alloys whose surface was roughened by shot-blasting. The sprayed coating was dried, fired for 3-5 min at  $1,010 \pm 10^\circ\text{C}$  and cooled at room temperature yielding an even, smooth, glossy surface of dark green color. The thickness of the coating ranged from 2-5 microns. Good adhesion of the coating was found on NiCr and

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Ceramic coatings

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D006/D102

CoCrMo alloy samples, while the coating on CrNiTi steel cracked off after cooling. The resistance of the ceramic coating to sudden temperature drops was investigated by heating the samples gradually (in 50°C intervals) up to 950°C and submersing them in water of 150°C. The coatings withstood sudden cooling from 900°C and showed slight cracking at cooling from 950°C. Conclusion: The P I ceramic coating is suitable for protection of NiCr and CoCrMo alloys up to a temperature of 950°C. The author thanks Engineer Vojtěch Hermanský for performing metallographic and microscopic investigation of the samples. There are 8 figures, 7 tables and 6 references, 5 Soviet-bloc and 1 non-Soviet-bloc. The reference to the English-language publication reads as follows: T.A. Dickinson, Aeronautical ceramics, 1952, Cer. Age, 60, 1, 15-18.

ASSOCIATION: Výzkumný ústav elektrotechnické keramiky (Research Institute of Electroceramics), Hradec Králové

Card 2/2

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L 2700-66 EWP(e)/EPA(s)-2/EWP(i)/EPA(w)-2/EWP(d) - MI

ACCESSION NR: AP5018449

CZ/0013/65/000/007/0224/0225

32  
B

AUTHOR: Turek, M. (Engineer)

TITLE: The days of new techniques in the field of electrotechnical ceramics

SOURCE: Sklar a keramik, no. 7, 1965, 224-225

TOPIC TAGS: ceramics, scientific conference

ABSTRACT: This article summarizes papers read at a conference organized by the Vyzkumny ustav elektrotechnike keramiky (Research Institute of Electrotechnical Ceramics) in Hradec Kralove April 13-14, 1965, on the application of ceramics in electronics (barium titanate capacitors, high-capacity capacitors made of Permitit 10,000, 20x15x10 mm, capacitance of 1.4 F, minimum leakage resistance  $5 \times 10^8 \Omega$ , and maximum voltage 40 V; and high-voltage capacitors made of Permitit 2000); new types of piezoceramics and their properties; ceramic capacitors for use in micro-modules; studio microphones using a ceramic electret material; the technology of casting thin ceramic layers; automation in the ceramic industry; heat-resistant ceramic materials containing oxides and their applications; ceramic part casting and ceramic-to-metal joint manufacture techniques; investigation of ceramic structure using electron microscopy; and construction applications of ceramic materials.

Card 1/2

L 2700-66

ACCESSION NR: AP5018449

ASSOCIATION: Vyzkumny ustav elektrotechnike keramiky, Hradec Kralove (Research Institute of Electrotechnical Ceramics)

SUBMITTED: 00

ENCL: 00

SUB CODE: MT

NO REF SOV: 000

OTHER: 000

KC  
Card 2/2

AUTHOR: Turek, Miroslav

Z/012/60/004/03/009/020  
E073/E335

TITLE: Electrets Made of Ceramic Dielectrics 15

PERIODICAL: Silikáty, 1960, Vol 4, Nr 3, pp 278 - 285

ABSTRACT: This is a review article based exclusively on information published in the literature.

There are 5 figures, 2 tables and 52 references, of which 9 are Soviet, 5 Japanese (in English), 10 German, 26 English and 2 Czech.

ASSOCIATION: Výzkumný ústav elektrotechnické keramiky,  
Hradec Kralové (Research Institute for Electrical  
Ceramics, Hradec Kralové)

SUBMITTED: July 12, 1959

Card 1/1

CZECHOSLOVAKIA/Chemical Technology. Chemical Products and Their Application. Ceramics. Glass. Binders. Concrete.

H-13

Abs Jour: Referat Zhur-Khimiya, No 5, 1958, 15189.

Author : Turek Miroslav, Bednar Stanislav  
Inst :

Title : Thermochemical Processes During Combustion. Calculation of Theoretical Temperature of the Flame.

Orig Pub: Sklar a keramik, 1957, 7, No 7, 208-210.

**Abstract:** A presentation, for the combustion engineers of ceramic plants, of the known equations used to calculate the maximum theoretical temperature of combustion,  $T_{max}$ , of different fuels on the basis of their elemental composition; examples are given of the calculation of  $T_{max}$  of different fuels and for different conditions of combustion.

Card : 1/1

- GRENAR, Antonin; TUREK, Miroslav

Formation of  $\beta$ -spodumene in lithium glazes. Silikaty 6 no.4:352-361 '62.

1. Ustav nerostnych surovin, Kutná Hora (for Grenar).
2. Vyzkumny ustav elektrotechnicke keramiky, Hradec Kralove (for Turek).

TUREK, L: NOVAK, K: WRESZCZYNKI, J.

Radiolocation systems and their application in geodesy, p. 3.

PRZEGLAD NAUKOWO-TECHNICZNY, STRIA G. Krakow, Poland.  
No. 2, 1959

Monthly List of East European Accessions Index (EEAI), LC, Vol 8, No. 11,  
November 1959  
Uncl.

TUREK, L

Distr: 4E3c/4E3d

19

19

5

2

Radiation accompanying pulses in a Geiger-Müller counter. Kazimierz W. Ostrowski and Leszek Turek (Mining and Metallurgy Acad., Krakow). *Zeszyty Nauk. Polon.* 17, 07-109 (1958) (in English).—The ultraviolet radiation produced by elec. discharge in a Geiger-Müller tube was examd. by means of photosensitive counters with quartz windows facing one another. The counting tubes were filled with an Ar-ale. mixt., and were connected to a delayed coincidence circuit. Two components of radiation were distinguished: a strong one occurring within 0-2 microsec. (prompt radiation), and a weaker one with a delay of 2-309 microsec. (delayed radiation). The prompt radiation had a continuous spectrum with a peak at 2700 Å. This is attributed to the recombination of Ar ions to form excited Ar atoms. The delayed radiation was too weak to permit spectroscopic examin. of its spectrum, but examin. with filters showed it to be complex. It is attributed to the decay of metastable Ar mol. produced by 3-body collisions of Ar atoms.

Ralph E. Weston

TUREK, L.

POLAND/Nuclear Physics - Installation and Instruments. Methods  
of Measurement and Research. C

Abs Jour : Ref Zhur Fizika, No 1, 1960, 271

Author : Ostrowski Kazimierz, W., Turek, Leszek

Inst : Institute for General Physics, Mining and Metallurgy  
Academy, Krakow, Poland

Title : Radiation Accompanying Pulses in a Geiger-Muller  
Counter 6

Orig Pub : Acta phys. polon., 1958, 17, No 2-3, 97-109

Abstract : A study was made of the ultraviolet radiation in a  
Geiger-Muller counter. The measurements were car-  
ried out with the aid of photosensitive counters,  
with quartz windows facing each other, connected for  
shifted coincidence. Two components of radiation  
were observed: 1) More intense (prompt radiation),

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POLAND/Nuclear Physics - Installation and Instruments. Methods  
of Measurement and Research.

C

Abs Jour : Ref Zhur Fzika, No 1, 1960, 271

emitted within 0 - 2 microseconds; 2) radiation which is at least one order of magnitude less intense (delayed radiation), emitted with a delay of 2 - 300 microseconds. The prompt radiation has a continuous spectrum with a maximum at  $\lambda \sim 2700 \text{ \AA}$  and is interpreted as being caused by recombination of the argon ions. The delayed radiation depends greatly on the supply voltage of the counter; its intensity can be measured only within a voltage interval  $\sim 70$  v at the end of the plateau. The maximum intensity of the delayed radiation under normal filling of the counter with argon-alcohol mixture occurs approximately at 50 microseconds. The delay corresponding to the maximum intensity of radiation at a higher argon pressure diminishes with diminishing pressure. The origin of the delayed radiation is reconciled with

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POLAND/Nuclear Physics - Installation and Instruments. Methods  
of Measurement and Research

Abs Jour : Ref Zhur Fizika, № 1, 1960, 271

the hypothesis of Weiser and Crumble (Referat Zhur  
Fizika, 1956, № 1, 195).

Card 3/3

TUREK, M.

CZECHOSLOVAKIA/Electricity - Dielectrics.

G

Abs Jour : Ref Zhur Fizika, № 1, 1960, 1328

Author : Turek, Miroslav

Inst :

Title : Electrets Made of Ceramic Dielectrics

Orig Pub : Slaboproudý obzor, 1959, 20, № 1, 23-30

Abstract : Survey of modern theoretical concepts concerning  
ceramic electrets.  
Bibliography, 51 titles.

Card 1/1

TUREK, M.

Thermochemical processes in combustion; calculation of the theoretical maximum temperature of flame.

P. 233, (Sklar a Keramik) Vol. 7, no. 8, Sept. 1957, Praha, Czechoslovakia

SO: Monthly Index of East European Acessions (S AI) Vol. 6, No. 11 November 1957

TUREK, M.

The thermochemical process in combustion and calculating the theoretically maximum temperature of flame. (to be contd.) p.208.  
(Sklar A Keramik, Vol. 7, No. 7, July 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 9, Sept. 1957. Uncl.

TUREK, M.

"Electrets made of ceramic dielectrics." p. 23.

SLABOPROUDY OBZOR. (MINISTERSTVO PRESNEHO STROJIRENSTVI, MINISTERSTVO SPOJU A VEDECKA TECHNICKA SPOLECNOST PRO ELEKTROTECHNIKU PRI CSAV.) Praha, Czechoslovakia, Vol. 20, no. 1, Jan. 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 9, September 1959.  
Uncl.

CZ/13-60-1-12/26

15(2)

AUTHOR: Turek, Miroslav, Engineer  
TITLE: Lithium Ceramic - Ceramic Materials With a Negative Thermal Coefficient of Expansion

PERIODICAL: Sklář a Keramik, 1960, Nr 1, pp 18 - 20 (CSR)

ABSTRACT: It is pointed out that the development of technology requires ceramic substances which are resistant to sudden temperature changes. The author regards lithium - which is one of the materials that do not expand when exposed to higher temperatures, but shrinks - as the most suitable matter to meet the growing demand of technology. The article is a highly specialized analysis of the compound  $Li_2O-Al_2O_3-SiO_2$ , focussing on its thermal expansion rate. In conclusion it is recommended to give more consideration to the production of lithium compounds in Czechoslovakia.

Card 1/2